JOURNAL OF THE AMERICAN STATISTICAL ASSOCIATION

CONTENTS OF VOLUME 71

NUMBERS 353–356

ARTICLES 9, 269, 543, 791
BOOK REVIEWS 242, 518, 767, 996
PUBLICATIONS RECEIVED 252, 533, 778, 1009
TECHNICAL REPORTS AVAILABLE 254, 780
CORRIGENDA 255, 1010
JASA STYLE SHEET; UPDATE 257, 1022
INDEX TO VOLUME
ARTICLES, BY AUTHOR 1015
BOOK REVIEWS, BY AUTHOR 1019
LIST OF REVIEWERS 1020

INDEX TO VOLUME 71 (1976)

ARTICLES*

AGRESTI, ALAN "The Effect of Category Choice on Some Ordinal Measures of Association" (A) 49

AMEMIYA, TAKESHI "The Maximum Likelihood, the Minimum Chi-Square and the Nonlinear Weighted Least-Squares Estimator in the General Qualitative Response Model" (T&M) 347

ANDERSON, DALLAS W., KISH, LESLIE AND CORNELL, RICHARD G. "Quantifying Gains from Stratification for Optimum and Approximately Optimum Strata Using a Bivariate Normal Model" (T&M) 887

ANTLE, CHARLES E. (*see* RYAN, THOMAS A., JR.) 140

ARMSTRONG, R.D. AND FROME, E.L. "A Comparison of Two Algorithms for Absolute Deviation Curve Fitting" (A) 328

ASOK, C. AND SUKHATME, B.V. "On Sampford's Procedure of Unequal Probability Sampling Without Replacement" (T&M) 912

BAKER, FRANK B. AND HUBERT, LAWRENCE J. "A Graph-Theoretic Approach to Goodness-of-Fit in Complete-Link Hierarchical Clustering" (A) 870

BANERJEE, A.K. AND BHATTACHARYYA, G.K. "A Purchase Incidence Model with Inverse Gaussian Interpurchase Times" (A) 823

BARNARD, GEORGE A. "Comment" on "Strong Inconsistency . . ." by Mervyn Stone (T&M) 121

BARNETT, WILLIAM A. "Maximum Likelihood and Iterated Aitken Estimation of Nonlinear Systems of Equations" (T&M) 354

BARONE, JOHN L. (*see* BEATON, ALBERT E.) 158

BEATON, ALBERT E., RUBIN, DONALD B. AND BARONE, JOHN L. "The Acceptability of Regression Solutions: Another Look at Computational Accuracy" (T&M) 158

BEE, D.E. (*see* BROEMELING, L.D.) 425

BEK, YUKSEL (*see* POLLOCK, K.H.) 884

BEZDEK, ROGER H. AND WENDLING, ROBERT M. "Current- and Constant-Dollar Input-Output Forecasts for the U.S. Economy" (A) 543

BHATIA, KUL B. "Capital Gains and Inequality of Personal Income: Some Results from Survey Data" (A) 575

BHATTACHARYYA, G.K. (*see* BANERJEE, A.K.) 823

BINNS, M.R. "A Sequential Counting Procedure for Estimating the Total Number of Randomly Distributed Individuals" (A) 74

BOFINGER, EVE "Least Favorable Configuration When Ties Are Broken" (T&M) 423

BONACICH, PHILLIP AND KIRBY, DOUGLAS "Establishing a Metric from Assumptions About Linearity" (A) 56

BOX, GEORGE E.P. "Science and Statistics" (A) (IP) 791

——— AND TIAO, G.C. "Comment" on "Strong Inconsistency . . ." by Mervyn Stone (T&M) 122

BRADBURN, NORMAN (*see* LOCANDER, WILLIAM) 269

BREIMAN, L. AND MEISEL, W.S. "General Estimates of the Intrinsic Variability of Data in Nonlinear Regression Models" (A) 301

BRODER, IVY E. "Base Year Revisions in the FRB Index: Problems in Interpreting Historical Movements" (A) 62

BROEMELING, L.D. AND BEE, D.E. "Simultaneous Confidence Intervals for Parameters of a Balanced Incomplete Block" (T&M) 425

BROFFITT, JAMES D. RANDLES, RONALD H. AND HOGG, ROBERT V. "Distribution-Free Partial Discriminant Analysis" (T&M) 934

BROOK, RICHARD J. "On the Use of a Regret Function to Set Significance Points in Prior Tests of Estimation" (T&M) 126

BROWN, CHARLES C. AND MUENZ, LARRY R. "Reduced Mean Square Error Estimation in Contingency Tables" (T&M) 176

CAUSEY, BEVERLEY D. (*see* WOODRUFF, RALPH S.) 315

CHAMBERS, J.M., MALLOWS, C.L. AND STUCK, B. W. "A Method for Simulating Stable Random Variables" (T&M) 340

CHAN, LINDA, GILMAN, JUNE AONO AND DUNN, OLIVE JEAN "Alternative Approaches to Missing Values in Discriminant Analysis" (A) 842

CHAPMAN, JUDITH-ANNE W. "A Comparison of the X^2, $-2 \log R$, and Multinomial Probability Criteria for Significance Tests When Expected Frequencies Are Small" (A) 854

CHARNES, A., FROME, E.L. AND YU, P.L. "The Equivalence of Generalized Least Squares and Maximum Likelihood Estimates in the Exponential Family" (T&M) 169

CHEN, HUBERT J. AND DUDEWICZ, EDWARD J. "Procedures for Fixed-Width Interval Estimation of the Largest Normal Mean" (T&M) 752

CHESHER, ANDREW (*see* RAMSEY, JAMES B.) 972

CHITTURI, RATNAM V. "Distribution of Multivariate White Noise Autocorrelations" (T&M) 223

CHOW, GREGORY C. AND LIN, AN-LOH "Best Linear Unbiased Estimation of Missing Observations in an Economic Time Series" (T&M) 719

CHOW, L.P. (*see* LIU, P.T.) 72

CLEVELAND, W.P. AND TIAO, G.C. "Decomposition of Seasonal Time Series: A Model for the Census X-11 Program" (A) 581

COHEN, ARTHUR "Combining Estimates of Location" (T&M) 172

COHEN, JOEL E. "Ergodicity of Age Structure in Populations with Markovian Vital Rates, I: Countable States" (T&M) 335

——— "The Distribution of the Chi-Squared Statistic Under Clustered Sampling from Contingency Tables (T&M) 665

* (A) denotes Applications; (IP), Invited Paper; (T&M), Theory and Methods; (PA), Presidential Address.

COLTON, THEODORE AND MCPHERSON, KLIM "Two-Stage Plans Compared with Fixed Sample Size and Wald SPRT Plans" (A) 80

CORNELIUS, P.L. "The Analysis of Lattice Designs with Concomitant Variables Associated with Replications" (T&M) 445

CORNELL, RICHARD G. (*see* ANDERSON, DALLAS W.) 887

CRAIN, BRADFORD R. "Exponential Models, Maximum Likelihood Estimation and the Haar Condition" (T&M) 737

——— "More on Estimation of Distributions Using Orthogonal Expansions" (T&M) 741

——— (*see* MENDOZA, JORGE L.) 992

CRAMER, ELLIOT M. "A Nonorthogonal Analysis of Variance Program" (A) 93

D'AGOSTINO, RALPH B. AND LEE, AUSTIN, F.S. "Linear Estimation of the Logistic Parameters for Complete or Tail-Censored Samples" (T&M) 462

DAS GUPTA, PRITHWIS "Age-Parity-Nuptiality-Specific Stable Population Model That Recognizes Births to Single Women" (A) 308

DECHAINE, T.L. (*see* DUNN, D.M.) 68

DICKEY, JAMES M. "Comment" on "Strong Inconsistency . . ." by Mervyn Stone (T&M) 117

——— "Approximate Posterior Distributions" (T&M) 680

DIXON, DENNIS O. "Interval Estimates Derived from Bayes Testing Rules" (T&M) 406

DOLBY, GEOFFREY R. "A Note on the Linear Structural Relation When Both Residual Variance Are Known" (T&M) 352

DOWNING, PAUL B. (*see* WATSON, WILLIAM D., JR.) 567

DRAPER, NORMAN AND GUTTMAN, IRWIN "k Simultaneous Measurement Procedures: A Bayesian Approach" (A) ... 605

DREZE, JACQUES H. AND MORALES, JUAN-ANTONIO "Bayesian Full Information Analysis of Simultaneous Equations Model" (T&M) 919

DUDEWICZ, EDWARD J. (*see* CHEN, HUBERT J.) 752

DUNN, D.M., WILLIAMS W.H. AND DECHAINE, T.L. "Aggregate Versus Subaggregate Models in Local Area Forecasting" (A) 68

DUNN, OLIVE JEAN (*see* CHAN, LINDA) 842

DUNSMORE, IAN R. "A Note on Faulkenberry's Method of Obtaining Prediction Intervals" (T&M) 193

DYKSTRA, RICHARD L. AND MADSEN, RICHARD W. "Restricted Maximum Likelihood Estimators for Poisson Parameters" (T&M) 711

ECKARDT, WALTER L., JR. "A Sequential Method for Selecting the Best of Three Binomial Populations" (T&M) 473

EFRON, B. "Comment" on "Necessary Analysis . . ." by D.A.S. Fraser (T&M) 111

EPPS, THOMAS W. "The Stochastic Dependence of Security Price Changes and Transaction Volumes: Some Evidence from Bonds Data" (A) 830

ERICKSEN, EUGENE P. "Sampling a Rare Population: A Case Study" (A) 816

ERTEL, JAMES E. AND FOWLKES, EDWARD B. "Some Algorithms for Linear Spline and Piecewise Multiple Linear Regression" (T&M) 640

FAREBROTHER, R.W. "The Minimum Proportional-Variance Unbiased Linear Estimator of β and Simultaneous Confidence Intervals" (T&M) 761

FELDSTEIN, MARTIN "Social Security and the Distribution of Wealth" (A) 800

FELLEGI, I.P. AND HOLT, D. "A Systematic Approach to Automatic Edit and Imputation" (A) 17

FLIGNER, MICHAEL A. AND KILLEEN, TIMOTHY J. "Distribution-Free Two-Sample Tests for Scale" (T&M) 210

FOWLKES, EDWARD B. (*see* ERTEL, JAMES E.) 640

FRANKEL, LESTER R. "Statisticians and People—The Statistician's Responsibilities" (PA) 9

FRASER, D.A.S. "Necessary Analysis and Adaptive Inference" (T&M) (IP) 99

——— "Rejoinder" to "Necessary Analysis" by D.A.S. Fraser (T&M) (IP) 112

——— "Comment" on "Strong Inconsistency . . ." by Mervyn Stone (T&M) 122

FROME, E.L. (*see* CHARNES, A.) 169

——— (*see* ARMSTRONG, R.D.) 328

GAIL, MITCHELL H. AND GREEN, SYLVAN B. "Critical Values for the One-Sided Two-Sample Kolmogorov-Smirnov Statistic" (T&M) 757

GALLANT, A. RONALD AND GOEBEL, J. JEFFERY "Nonlinear Regression with Autocorrelated Errors" (T&M) 961

GIDEON, RUDY A. AND GURLAND, JOHN "Series Expansions for Quadratic Forms in Normal Variables" (T&M) 227

GILMAN, JUNE AONO (*see* CHAN, LINDA) 842

GLASER, RONALD E. "The Ratio of the Geometric Mean to the Arithmetic Mean for a Random Sample from a Gamma Distribution" (T&M) 480

——— "Exact Critical Values for Bartlett's Test for Homogeneity of Variances" (T&M) 488

GLESER, LEON JAY "A Canonical Representation for the Noncentral Wishart Distribution Useful for Simulation" (T&M) 690

——— AND HEALY, JOHN D. "Estimating the Mean of a Normal Distribution with Known Coefficient of Variation" (T&M) 977

GOEBEL, JEFFERY J. (*see* GALLANT, A. RONALD) 961

GOLDSTEIN, A.J. AND KRUSKAL, J.B. "Least-Squares Fitting by Monotonic Functions Having Integer Values" (T&M) 370

GREEN, J.R. AND HEGAZY, Y.A.S. "Powerful Modified EDF Goodness-of-Fit Tests" (T&M) 204

GREEN, RICHARD F. "Outlier-Prone and Outlier-Resistant Distributions" (T&M) 502

GREEN, SYLVAN B. (*see* GAIL, MITCHELL H.) 757

GROSS, ALAN M. "Confidence Interval Robustness with Long-Tailed Symmetric Distributions" (T&M) 409

GURLAND, JOHN (*see* GIDEON, RUDY A.) 227

GUTTMAN, IRVIN (*see* DRAPER, NORMAN) 605

HAMILTON, BASIL L. "A Monte Carlo Test of the Robustness of Parametric and Nonparametric Analysis of Covariance Against Unequal Regression Slopes" (A) 864

HAUGH, LARRY D. "Checking the Independence of Two Covariance-Stationary Time Series: A Univariate Residual Cross-Correlation Approach" (T&M) 378

HEALY, JOHN D. (*see* GLESER, LEON JAY) 977

HEGAZY, Y.A.S. (*see* GREEN, J.R.) 204

HEGEMANN, VICTOR AND JOHNSON, DALLAS E. "The Power of Two Tests for Non-Additivity" (T&M) 945

HEMMERLE, WILLIAM J. "Iterative Nonorthogonal Analysis of Covariance" (T&M) 195

HERSON, JAY "An Investigation of Relative Efficiency of Least Squares Prediction to Conventional Probability Sampling Plans" (T&M) 700

HETTMANSPERGER, THOMAS P. (*see* POLICELLO, GEORGE E., II) 624

HEWETT, JOHN E. (*see* SPURRIER, JOHN D.) 982

HOBSON, RICHARD "Properties Preserved by Some Smoothing Functions" (T&M) 763

HOCHBERG, YOSEF "A Modification of the T-Method of Multiple Comparisons for a One-Way Layout with Unequal Variances" (T&M) 200

HOGG, ROBERT V. (*see* BROFFITT, JAMES D.) 934

——— "Comment" on "Necessary Analysis . . ." (T&M) 110

HOLT, D. (*see* FELLEGI, I.P.) 17

HUBERT, LAWRENCE (*see* BAKER, FRANK B.) 870

IMREY, PETER B., JOHNSON, WILLIAM D. AND KOCH, GARY G. "An Incomplete Contingency Table Approach to Paired-Comparison Experiments" (T&M) 614

JANSEN, R. (*see* SOMERMEYER, W.H.) 588

JOHNSON, DALLAS E. (*see* HEGEMANN, VICTOR) 945
JOHNSON, WILLIAM D. (*see* IMREY, PETER B.) 614
JONES, RICHARD H. "Estimation of the Innovation Generalized Variance of a Multivariate Stationary Time Series" (T&M) 386
JOSHI, V.M. "A Note on Birnbaum's Theory of the Likelihood Principle" (T&M) 345
KABE, D.G. "On Confidence Bands for Quantiles of a Normal Population" (T&M) 417
KANOH, SATORU (*see* SAWA, TAKAMITSU) 361
KAU, JAMES B. AND LEE, CHENG F. "The Functional Form in Estimating the Density Gradient: An Empirical Investigation" (A) 326
KENKEL, JAMES L. "On the Small-Sample Power of Durbin's h-Test" (A) 96
KILLEEN, TIMOTHY J. (*see* FLIGNER, MICHAEL A.) 210
KILLOUGH, GEORGE G. (*see* LING, ROBERT F.) 293
KINDERMAN, A.J. AND RAMAGE, J.G. "Computer Generation of Normal Random Variables" (T&M) 893
KIRBY, DOUGLAS (*see* BONACICH, PHILLIP) 56
KISH, LESLIE (*see* ANDERSON, DALLAS W.) 887
KLOTZ, JEROME H. "Truncated Geometric Response-Duration of Response Models for Clinical Trials" (T&M) 331
KNOKE, JAMES D. "Multiple Comparisons with Dichotomous Data" (A) 849
KOCH, GARY G. (*see* IMPREY, PETER B.) 614
KRAEMER, HELENA CHMURA "The Small Sample Nonnull Properties of Kendall's Coefficient of Concordance for Normal Populations—An Alternative to the Intraclass Correlation Coefficient" (A) 608
KREWSKI, DANIEL "Distribution-Free Confidence Intervals for Quantile Invervals" (T&M) 420
KRONMAL, RICHARD A. (*see* OTT, JURG) 391
KRUSKAL, J.B. (*see* GOLDSTEIN, A.J.) 370
KRZANOWSKI, W.J. "Canonical Representation of the Location Model for Discrimination or Classification" (A) 845
LARNTZ, KINLEY AND WEISBERG, SANFORD "Multiplicative Models for Dyad Formation" (T&M) 455
LEE, AUSTIN F.S. (*see* D'AGOSTINO, RALPH B.) 462
LEE, CHENG F. (*see* KAU, JAMES B.) 326
LEE, YOUNG JACK AND WOLFE, DOUGLAS A. "A Distribution-Free Test for Stochastic Ordering" (T&M) 71
LEYSIEFFER, FREDERICK W. AND WARNER, STANLEY L. "Respondent Jeopardy and Optimal Designs in Randomized Response Models" (T&M) 649
LIEW, CHONG KIEW "Inequality Constrained Least-Squares Estimation" (T&M) 746
LITTELL, RAMON C. (*see* PERNG, S.K.) 968
LIN, AN-LOH (*see* CHOW, GREGORY C.) 719
LINDLEY, D.V. "Comment" on "Strong Inconsistency . . ." by Mervyn Stone (T&M) 120
LING, ROBERT F. AND KILLOUGH, GEORGE G. "Probability Tables for Cluster Analysis Based on a Theory of Random Graphs" (A) 293
LIU, P.T. AND CHOW, L.P. "A New Discrete Quantitative Randomized Response Model" (A) 72
LOCANDER, WILLIAM, SUDMAN, SEYMOUR AND BRADBURN, NORMAN "An Investigation of Interview Method, Threat and Response Distortion" (A) 269
LOUTER, A.S. (*see* SOMERMEYER, W.H.) 588
LOYNES, R.M. "Asymptotically Optimal Randomized Response Procedures" (T&M) 924
MADSEN, RICHARD W. (*see* DYKSTRA, RICHARD L.) 711
MALLOWS, C.L. (*see* CHAMBERS, J.M.) 340
MARCUS, ALLAN H. "Power Sum Distributions: An Easier Approach Using the Wald Distribution" (T&M) 237
MARDIA, K.V. AND SPURR, B.D. "On Some Tests for the Bivariate Two-Sampling Location Problem" (T&M) 994
MAYER, LAWRENCE S. AND YOUNGER, MARY SUE "Estimation of Standardized Regression Coefficients" (T&M) 154
MCCARTHY, PHILIP J. "The Use of Balanced Half-Sample Replication in Cross-Validation Studies" (A) 596
MCELROY, F.W. "Optimality of Least Squares in Linear Models with Unknown Error Covariance Matrix" (T&M) 374
MCPHERSON, KLIM (*see* COLTON, THEODORE) 80
MEHTA, J.S. AND SWAMY, P.A.V.B. "Further Evidence on the Relative Efficiencies of Zellner's Seemingly Unrelated Regressions Estimator" (T&M) 634
MEISEL, W.S. (*see* BREIMAN, L.) 301
MENDOZA, JORGE L., TOOTHAKER, LARRY E. AND CRAIN, BRADFORD R. "Necessary and Sufficient Conditions for F Ratios in the L × J × K Factorial Design with Two Repeated Factors" (T&M) 992
MILLER, ANN R. "Retrospective Data on Work Status in the 1970 Census of Population: An Attempt at Evaluation" (A) 286
MONTI, KATHERINE L. AND SEN, PRANAB K. "The Locally Optimal Combination of Independent Test Statistics" (T&M) 903
MORALES, JUAN-ANTONIO (*see* DREZE, JACQUES H.) 919
MUDHOLKAR, GOVIND S. AND SUBBAIAH, PERLA "Unequal Precision Multiple Comparisons for Randomized Block Designs Under Nonstandard Conditions" (T&M) 429
MUENZ, LARRY R. (*see* BROWN, CHARLES C.) 176
MUKHOPADHYAY, NITIS "Sequential Estimation of a Linear Function of Means of Three Normal Populations" (T&M) 149
NAKAMURA, ALICE ORCUTT, NAKAMURA, MASAO AND ORCUTT, GUY H. "Testing for Relationships Between Time Series" (T&M) 214
NAKAMURA, MASAO (*see* NAKAMURA, ALICE ORCUTT) 214
NATHAN, GAD "An Empirical Study of Response and Sampling Errors for Multiplicity Estimates with Different Counting Rules" (A) 808
NORDBROOK, EARL "An Improved Play-the-Winner Sampling Procedure for Selecting the Better of Two Binomial Populations" (T&M) 137
OLIVEIRA, RONALD A. (*see* RAUSSER, GORDON C.) 276
ORCUTT, GUY H. (*see* NAKAMURA, ALICE ORCUTT) 214
OTT, JURG AND KRONMAL, RICHARD A. "Some Classification Procedures for Multivariate Binary Data Using Orthogonal Functions" (T&M) 391
PARK, SOO-BIN "Rejoinder" to "On the Small-Sample . . ." by James L. Kenkel (A) 97
PASSEL, JEFFREY S. (*see* SIEGEL, JACOB S.) 599
PATEL, JAGDISH K. "Ranking and Selection of IFR Populations Based on Means" (T&M) 143
PERNG, S.K. AND LITTELL, RAMON C. "A Test of Equality of Two Normal Population Means and Variance" (T&M) 968
PESANDO, JAMES E. "Rational Expectations and Distributed Lag Expectations Proxies" (A) 36
POLICELLO, GEORGE E., II AND HETTMANSPERGER, THOMAS P. "Adaptive Robust Procedures for the One-Sample Location Problem" (T&M) 624
POLLOCK, K.H. AND BEK, YUKSEL "A Comparison of Three Randomized Response Models for Quantitative Data" (A) 884
PRADHAN, MEENA AND SATHE, Y.S. "Analytical Remarks on Canner's Minimax Method for Finding the Better of Two Binomial Populations" (T&M) 239
PRATT, JOHN W. "Comment" on "Strong Inconsistency . . ." by Mervyn Stone (T&M) 119
PRESS, S.J. AND SCOTT, A.J. "Missing Variables in Bayesian Regression, II" (T&M) 366
PROSCHAN, FRANK AND SULLO, PASQUALE "Estimating the Parameters of a Multivariate Exponential Distribution" (T&M) 465
RAMAGE, J.G. (*see* KINDERMAN, A.J.) 893

RAMSEY, JAMES B. AND SCHMIDT, PETER "Some Further Results on the Use of OLS and BLUS Residuals in Specification Error Tests" (T&M) 389

RAMSEY, JAMES B. AND CHESHER, ANDREW "Some Measures of the 'Difference' Between Regression Models" (T&M) 972

RANDLES, RONALD H. (*see* BROFFITT, JAMES D.) 934

RAUSSER, GORDON C. AND OLIVEIRA, RONALD A. "An Econometric Analysis of Wilderness Area Use" (A) 276

REIMERS, CORDELIA "Is the Average Age at Retirement Changing?" (A) 552

REISS, R.D. AND RÜSCHENDORF, L. "On Wilks' Distribution-Free Confidence Intervals for Quantile Intervals" (T&M) 940

REVANKAR, NAGESH S. "Use of Restricted Residuals in SUR Systems: Some Finite Sample Results" (T&M) 183

ROHR, R.J. "On the Distribution of Two Alternative Structural *t*-Statistics" (T&M) 731

ROYALL, RICHARD M. "The Linear Least-Squares Prediction Approach to Two-Stage Sampling" (T&M) 657

RUBIN, DONALD B. (*see* BEATON, ALBERT E.) 158

RÜSCHENDORF, L. (*see* REISS, R.D.) 940

RYAN, THOMAS A., JR. AND ANTLE, CHARLES E. "A Note on Gupta's Selection Procedure" (T&M) 140

SAHAI, HARDEO "A Comparison of Estimators of Variance Components in the Balanced Three-State Nested Random Effects Model Using Mean Squared Error Criterion" (T&M) 435

SAMANIEGO, FRANCISCO J. "A Characterization of Convoluted Poisson Distributions with Applications to Estimation" (T&M) 475

SAMIUDDIN, M. "Bayesian Test of Homogeneity of Variance" (T&M) 515

SATHE, Y.S. (*see* PRADHAN, MEENA) 239

SAWA, TAKAMITSU AND KANOH, SATORU "Categorical Control in Regression" (T&M) 361

SAXENA, K.M. LAL "A Single-Sample Procedure for Estimation of the Largest Mean" (T&M) 147

SCHMIDT, PETER (*see* RAMSEY, JAMES B.) 389

SCHWEDER, TORE "Some 'Optimal' Methods to Detect Structural Shift or Outliers in Regression" (T&M) 491

SCOTT, A.J. (*see* PRESS, S.J.) 366

SEN, A.R. "Developments in Migratory Game Bird Surveys" (A) 43

SEN, PRANAB K. (*see* MONTI, KATHARINE L.) 903

SERFLING, R.J. AND WACKERLY, D.D. "Asymptotic Theory of Sequential Fixed-Width Confidence Interval Procedures" (T&M) 949

SHAROT, TREVOR "The Generalized Jackknife: Finite Samples and Subsample Sizes" (T&M) 451

SIEGEL, JACOB S. AND PASSEL, JEFFREY S. "New Estimates of the Number of Centenarians in the United States" (A) 559

SINGH, C. "Moments of the Range of Samples from Non-Normal Populations" (T&M) 988

SINGH, M.P. AND TESSIER, R. "Some Estimators for Domain Totals" (A) 322

SMITH, V. KERRY "The Estimated Power of Several Tests for Autocorrelation with Non-First-Order Alternatives" (A) 879

SOBEL, MILTON AND TONG, Y.L. "Estimation of a Normal Percentile by Grouping" (T&M) 189

SOMERMEYER, W.H., JANSEN, R. AND LOUTER, A.S. "Estimating Quarterly Values of Annually Known Variables in Quarterly Relationships" (A) 588

SOMS, ANDREW P. "An Asymptotic Expansion for the Tail Area of the *t*-Distribution" (T&M) 728

SPURR, D.B. (*see* MARDIA, K.V.) 994

SPURRIER, JOHN D. AND HEWETT, JOHN E. "Two-Stage Wilcoxon Tests of Hypotheses" (T&M) 982

STENE, JON "On the Optimal Use of Multiauxiliary Information" (T&M) 679

STEYN, H.S. "On the Multivariate Poisson Normal Distribution" (T&M) 233

STIGLER, STEPHEN M. "The Effect of Sample Heterogeneity on Linear Functions of Order Statistics, with Applications to Robust Estimation" (T&M) 956

STONE, MERVYN "Strong Inconsistency from Uniform Priors" (T&M) 114

——— "Rejoinder" to "Strong Inconsistency . . ." by Mervyn Stone (T&M) 124

STUCK, B.W. (*see* CHAMBERS, J.M.) 340

SUBBAIAH, PERLA (*see* MUDHOLKAR, GOVIND S.) 429

SUDMAN, SEYMOUR (*see* LOCANDER, WILLIAM) 269

SUKHATME, B.V. (*see* ASOK, C.) 912

SULLO, PASQUALE (*see* PROSCHAN, FRANK) 465

SUSARLA, V. AND VAN RYZIN, J. "Nonparametric Bayesian Estimation of Survival Curves from Incomplete Observations" (T&M) 897

SWAMY, P.A.V.B. (*see* MEHTA, J.S.) 634

TESSIER, R. (*see* SINGH, M.P.) 322

THOMAS, D.L. "Reciprocal Moments of Linear Combinations of Exponential Variates" (T&M) 506

TIAO, G.C. (*see* BOX, G.E.P.) 122

——— (*see* CLEVELAND, W.P.) 581

TONG, Y.L. (*see* SOBEL, MILTON) 189

TOOTHAKER, LARRY E. (*see* MENDOZA, JORGE L.) 992

TSAY, JIA-YEONG "On the Sequential Construction of D-Optimal Designs" (T&M) 671

UPTON, G.J.G. "More Multisample Tests for the von Mises Distribution" (T&M) 675

VÄNNMAN, KIRSTIN "Estimators Based on Order Statistics from a Pareto Distribution" (T&M) 704

VAN RYZIN, J. (*see* SUSARLA, V.) 897

VILLEGAS, C. "Comment" on "Strong Inconsistency . . ." by Mervyn Stone (T&M) 124

VINOD, H.D. "Effects of ARMA Errors on the Significance Tests for Regression Coefficients" (T&M) 929

——— "Application of New Ridge Regression Methods to a Study of Bell System Scale Economies" (A) 835

WACKERLY, D.D. (*see* SERFLING, R.J.) 949

WARNER, STANLEY L. (*see* LEYSIEFFER, FREDERICK W.) 649

WATSON, WILLIAM D., JR AND DOWNING, PAUL B. "Enforcement of Environmental Standards and the Central Limit Theorem" (A) 567

WEISBERG, SANFORD (*see* LARNTZ, KINLEY) 455

WENDLING, ROBERT M. (*see* BEZDEK, ROGER H.) 543

WILLIAMS, W.H. (*see* DUNN, D.M.) 68

WOLDE-TSADIK, GIRMA "A Generalization of an SPRT for the Correlation Coefficient" (T&M) 709

WOLFE, DOUGLAS A. (*see* LEE, YOUNG JACK) 722

WOODRUFF, RALPH S. AND CAUSEY, BEVERLEY D. "Computerized Method for Approximating the Variance of a Complicated Estimator" (A) 315

WOODWARD, W.A. "Approximation of Pearson Type IV Tail Probabilities" (T&M) 513

YAKOWITZ, SIDNEY J. "Small-Sample Hypothesis Tests of Markov Order, with Application to Simulated and Hydrologic Chains" (T&M) 132

YOUNG, DENNIS L. "Inference Concerning the Mean Vector When the Covariance Matrix Is Totally Reducible" (T&M) 696

YOUNG, J.C. "Varietal Screening from Finite Normal Populations" (A) 87

YOUNGER, MARY SUE (*see* MAYER, LAWRENCE S.) 154

YU, P.L. (*see* CHARNES, A.) 169

ZELLNER, ARNOLD "Bayesian and Non-Bayesian Analysis of the Regression Model with Multivariate Student-t Error Terms" (T&M) 400

BOOK REVIEWS

ADKINS, DOUGLAS L., *The Great American Degree Machine: An Economic Analysis of the Human Resource Output of Higher Education*.....HERBERT I. WEISBERG 1006

AFRIAT, SYDNEY, SASTRY, M.V. RAMA, AND TINTNER, GERHARD, *Studies in Correlation: Multivariate Analysis and Econometrics*.....KARL A. FOX 769

ALLEN, R.G.D., *Index Numbers in Theory and Practice*.....DAVID FOLKERTS-LANDAU 776

ANDERSON, THEODORE R. AND ZELDITCH, MORRIS, JR., *A Basic Course in Statistics, with Sociological Applications, 3rd Edition*.....ALAN AGRESTI 243

ARMITAGE, P., *Sequential Medical Trials, 2nd Edition*.....BERNARD S. PASTERNACK 532

ASHTON, W.D., *The Logit Transformation: with Special Reference to Its Uses in Bioassay*.....COLIN WHITE 776

ATCHLEY, WILLIAM R. AND BRYANT, EDWIN H. (EDS.), *Multivariate Statistical Methods: Among-Groups Covariation*.....P.K. SEN 777

BALCH, M.S., MCFADDEN, D.L., AND WU, S.Y. (EDS.), *Essays on Economic Behavior Under Uncertainty*.....SIDNEY G. WINTER 770

BANERJEE, KALI S., *Cost of Living Index Numbers: Practice, Precision, and Theory*.....GEORG HASENKAMP 249

BARTLETT, M.S., *Probability, Statistics, and Time: A Collection of Essays*.....STEPHEN E. FIENBERG 1008

BARNETT, VIC, *Comparative Statistical Inference*.....ROBERT J. BUEHLER 245

BOYCE, D.E., FARHI, A., AND WEISCHEDEL, R., *Optimal Subset Selection: Multiple Regression, Interdependence, and Optimal Network Algorithms*.....CORWIN L. ATWOOD 249

BRILLINGER, DAVID R., *Time Series: Data Analysis and Theory*.....L.H. KOOPMANS 521

BRODIE, MORRIS, *On Thinking Statistically: A Short Introduction*.....DANIEL A. RELLES 533

BROWN, REX V., KAHR, ANDREW S., AND PETERSON, CAMERON, *Decision Analysis: An Overview*..ROBERT W. SHOEMAKER 528

———, KAHR, ANDREW S., AND PETERSON, CAMERON, *Decision Analysis for the Manager*.....ROBERT W. SHOEMAKER 528

BURSTEIN, HERMAN, *Sample-Size Tables for Quality Control and Auditing*.....DAVID G. HOEL 252

CHERNOFF, HERMAN, *Sequential Analysis and Optimal Design*.....GORDON SIMONS 242

CLIFF, A.D., HAGGETT, P., ORD, J.K., BASSETT, K., AND DAVIES, R., *Elements of Spatial Structure: A Quantitative Approach*.....BRIAN J.L. BERRY 769

COHEN, KALMAN J. AND CYERT, RICHARD M., *Theory of the Firm: Resource Allocation in a Market Economy, 2nd Edition*.....IRA HOROWITZ 532

CONOLLY, BRIAN, *Lecture Notes on Queueing Systems*.....ROGER H. MOORE 773

COX, DAVID R. AND HINKLEY, DAVID V., *Theoretical Statistics*.....PHILIP DAWID 998

DAVIS, JOHN C. AND MCCULLAGH, MICHAEL J. (EDS.), *Display and Analysis of Spatial Data: NATO Advanced Study Institute*.....JOHN M. CHAMBERS 768

DE FINETTI, BRUNO, *Theory of Probability, Volume 2*.....BRUCE M. HILL 999

DOTSON, CHARLES O. AND KIRKENDALL, DON R., *Statistics for Physical Education, Health, and Recreation*...A.H. ISMAIL 531

DOWNEY, KENNETH J. , *Elementary Social Statistics*.....ALAN AGRESTI 243

DUNN, OLIVE JEAN AND CLARK, VIRGINIA A., *Applied Statistics: Analysis of Variance and Regression*.....PETER B. IMREY 245

DURAN, BENJAMIN S. AND ODELL, PATRICK L., *Cluster Analysis: A Survey*.....H.D. VINOD 244

EDWARDS, ALLEN L., *Statistical Analysis, 4th Edition*.....ROBERT F. STRAHAN 251

ELZEY, FREEMAN F., *A First Reader in Statistics, 2nd Edition*.....O. DALE WILLIAMS 251

EXECUTIVE OFFICE OF THE PRESIDENT, OFFICE OF MANAGEMENT AND BUDGET, *Social Indicators 1973*.....RICHARD C. TAEUBER 524

FRISEN, MARIANNE, *Stochastic Deviation from Elliptical Shape: An Applied Study*.....DAVID V. HINKLEY 778

FROMM, GARY AND KLEIN, LAWRENCE R. (EDS.), *The Brookings Model: Perspective and Recent Developments*.....GREGORY C. CHOW 771

GAVER, DONALD P. AND THOMPSON, GERALD L., *Programming and Probability Models in Operations Research*.....JAN M. CHAIKEN 250

GLASS, GENE V., WILLSON, VICTOR L., AND GOTTMAN, JOHN M., *Design and Analysis of Time-Series Experiment*.....PAUL NEWBOLD 247

GLICK, PAUL C. (ED.), *Population of the United States, Trends and Prospects: 1950–1990*.....JOAN W. LINGNER 777

GOLLNICK, HEINZ G.L., *Dynamic Structure of Household Expenditures in the Federal Republic of Germany*.....WARREN WEBER 1003

GOODMAN, A.W. AND RATTI, J.S., *Finite Mathematics with Applications, 2nd Edition*.....HENRY J. RICARDO 531

GOVINDARAJULU, Z., *Sequential Statistical Procedures*.....GEORGE P. MCCABE 530

GUPTA, SHIV K. AND COZZOLINO, JOHN M., *Fundamentals of Operations Research for Management*.....GEORGE M. CONSTANTINIDES 527

HACKING, IAN, *The Emergence of Probability*.....GLENN R. SHAFER 519

HARTER, H.L. AND OWEN, D.B. (EDS.), *Selected Tables in Mathematical Statistics, Vol. II*.....K.C.S. PILLAI 248

HARTIGAN, JOHN A., *Clustering Algorithms*.....A.D. GORDON 1000

HESTER, DONALD D. AND PIERCE, JAMES L., *Bank Management and Portfolio Behavior*..... 527

HILLIER, FREDERICK S. AND LIEBERMAN, GERALD J., *Operations Research, 2nd Edition*.....GEORGE M. CONSTANTINIDES 526

HINES, WILLIAM W. AND MONTGOMERY, DOUGLAS C., *Probability and Statistics, In Engineering and Management Science*.....DAN ANBAR 775

HODGES, J.L., JR., KRECH, DAVID, AND CRUTCHFIELD, RICHARD S., *Statlab: An Empirical Introduction to Statistics*.....MARILYN HIXSON 771

IJIRI, YUJI, *Theory of Accounting Measurement*.....WILLIAM H. BEAVER 530

ISAACS, GERALD L., CHRIST, DAVID E., NOVICK, MELVIN R., AND JACKSON, PAUL H., *Tables for Bayesian Statisticians*.....GEORGE T. DUNCAN 247

ISARD, WALTER, *Introduction to Regional Science*.....JAMES R. PRESCOTT 243

KIM, CHAIHO, *Quantitative Analysis for Managerial Decisions*.....S. CHRISTIAN ALBRIGHT 1007

KLEINROCK, LEONARD, *Queueing Systems Volume 1: Theory*.....RICHARD W. BUTTERWORTH 773

KORIN, BASIL P., *Statistical Concepts for the Social Sciences*.....E.M. BECK 772

LADANY, SHAUL P. (ED.), *Management Science Applications to Leisure-Time Operations*.....JOHN E. ROLPH 1008

LAMBIN, JEAN JACQUES, *Advertising, Competition and Market Conduct in Oligopoly Over Time*....WILLIAM JAMES ADAMS 1004

LINDGREN, BERNARD W., *Basic Ideas of Statistics*.....ROGER H. MOORE 772

LINDLEY, D.V., *Making Decisions*.....ROBERT L. WINKLER 527

LINDMAN, HAROLD R., *Analysis of Variance in Complex Experimental Designs*.....LAWRENCE L. KUPPER 250

LITTLE, R.E. AND JEBE, E.H., *Statistical Design of Fatigue Experiments*. . . NANCY R. MANN, A.J. YORGIADIS, AND H. HIMELBLAU 774
LUDWIG, D. AND COOKE, K. L. (EDS.), *Epidemiology*. . . STEPHEN E. FIENBERG 532
MCCAMMON, RICHARD B. (ED.), *Concepts in Geostatistics*. . . PAUL SWITZER 777
MARKS, ELI S., SELTZER, WILLIAM, AND KRÓTKI, KAROL J., *Population Growth Estimation: A Handbook of Vital Statistics Measurement*. . . JAMES R. ABERNATHY AND YASAR YESILCAY 528
MARRIOTT, F.H.C., *The Interpretation of Multiple Observations*. . . PETER A. LACHENBRUCH 249
MATHAI, A.M. AND RATHIE, P.N., *Basic Concepts in Information Theory and Statistics: Axiomatic Foundations and Applications*. . . DAVID V. HINKLEY 777
MENDENHALL, WILLIAM, *Introduction to Probability and Statistics, 4th Edition*. . . ROGER H. MOORE 772
NEUTS, MARCEL F., *Probability*. . . LOUIS JENSEN 532
NOVICK, MELVIN R. AND JACKSON, PAUL H., *Statistical Methods for Educational and Psychological Research*. . . WILLIAM L. HAYS 1002
PULLMAN, THOMAS W., *Measuring Occupational Inheritance*. . . STEPHEN E. FIENBERG 1005
PURI, MADAN LAL (ED.), *Stochastic Processes and Related Topics*. . . MORRIS H. DEGROOT 252
RABINOVITCH, NACHUM L., *Probability and Statistical Inference in Ancient and Medieval Jewish Literature*. . SANDY ZABELL 996
RAJ, DES, *The Design of Sample Surveys*. . . HAROLD F. HUDDLESTON 774
REVESZ, P. (ED.), *Limit Theorems of Probability Theory*. . . P.K. SEN 777
REVUZ, D., *Markov Chains*. . . ROBERT RODRIGUEZ 1001
RIECKEN, HENRY W. AND BORUCH, ROBERT F. (EDS.), *Social Experimentation: A Method for Planning and Evaluating Social Intervention*. . . JOHN P. GILBERT 523
——— AND BORUCH, ROBERT F., (EDS.), *Social Experimentation: A Method for Planning and Evaluating Social Intervention*. . . HERBERT I. WEISBERG 522
ROSENTHAL, ROBERT AND ROSNOW, RALPH L., *The Volunteer Subject*. . . ROBERT S. ATKIN 1007
RUNCIE, JOHN F., *Experiencing Social Research*. . . WILLIAM RAY ARNEY 1006
RUST, BURT W. AND BURRUS, WALTER R., *Mathematical Programming and the Numerical Solution of Linear Equations*. . . DANIEL A. RELLES 252
SEBER, G.A.F., *Elementary Statistics*. . . ROGER H. MOORE 772
STOCKTON, JOHN R. AND CLARK, CHARLES T., *Introduction to Business and Economic Statistics, 5th Edition*. . . MICHAEL LOVELL 251
STONE, LAWRENCE D., *Theory of Optimal Search*. . . RICHARD MICKELSEN 1008
SUDMAN, SEYMOUR AND BRADBURN, NORMAN M., *Response Effects in Surveys: A Review and Synthesis*. . . BENJAMIN F. KING 246
TUFTE, EDWARD R., *Data Analysis for Politics and Policy*. . . SANFORD WEISBERG 768
U.S. ENVIRONMENTAL PROTECTION AGENCY, *A Guide to Models in Governmental Planning and Operations*. . . DAVID G. HOEL 252
VAN DUSEN, ROXANN A. (ED.), *Social Indicators 1973, A Review Symposium*. . . RICHARD C. TAEUBER 524
WAGNER, HARVEY M., *Principles of Management Science, 2nd Edition*. . . GEORGE M. CONSTANTINIDES 526
———, *Principles of Operations Research, 2nd Edition*. . . GEORGE M. CONSTANTINIDES 526
WOODROOFE, MICHAEL, *Probability with Applications*. . . WILLIAM DAVIS 775
WRIGHTON, R.F., *Elementary Principles of Probability and Information*. . . LOUIS JENSEN 778
ZIEMBA, W.T. AND VICKSON, R.G., (EDS.), *Stochastic Optimization Models in Finance*. . . MORRIS H. DEGROOT 252
ZUWAYLIF, FADIL H., *General Applied Statistics, 2nd Edition*. . . DAVID S. MOORE 773

LIST OF REVIEWERS

Abernathy, James R. . . 528
Adams, William James. . . 1004
Agresti, Alan. . . 243, 243
Albright, S. Christian. . . 1007
Anbar, Dan. . . 775
Arney, William Ray. . . 1006
Atkin, Robert S. . . 1007
Atwood, Corwin L. . . 249
Beaver, William H. . . 530
Beck, E.M. . . 772
Berry, Brian J.L. . . 769
Buehler, Robert J. . . 245
Butterworth, Richard W. . . 773
Chaiken, Jan M. . . 250
Chambers, John M. . . 768
Chow, Gregory C. . . 771
Constantinides, George M. . . 526, 526, 526, 527
Davis, William. . . 775
Dawid, Philip. . . 998
DeGroot, Morris H. . . 252, 252
Duncan, George T. . . 247
Fienberg, Stephen E. . . 532, 1005, 1008
Folkerts-Landau, David. . . 776
Fox, Karl A. . . 769
Gilbert, John P. . . 523
Goldberg, Michael A. . . 527
Gordon, A.D. . . 1000
Hasenkamp, Georg. . . 249
Hays, William L. . . 1002
Hill, Bruce M. . . 999
Himelblau, H. . . 774
Hinkley, David V. . . 777, 778
Hixson, Marilyn. . . 771
Hoel, David G. . . 252, 252
Horowitz, Ira. . . 532
Huddleston, Harold F. . . 774
Imrey, Peter B. . . 245
Ismail, A.H. . . 531
Jensen, Louis. . . 532, 778
King, Benjamin F. . . 246
Koopmans, L. H. . . 521
Kupper, Lawrence L. . . 250
Lachenbruch, Peter A. . . 249
Lingner, Joan W. . . 777
Lovell, Michael. . . 251
Mann, Nancy R. . . 774
McCabe, George P. . . 530
Mickelsen, Richard. . . 1008
Moore, David S. . . 773
Moore, Roger H. . . 772, 772, 772, 773
Newbold, Paul. . . 247
Pasternack, Bernard S. . . 532
Pillai, K.C.S. . . 248
Prescott, James R. . . 243

Relles, Daniel A. 252, 533
Ricardo, Henry J. 531
Rodriguez, Robert 1001
Rolph, John E. 1008
Sen, P.K. 777, 777
Shafer, Glenn R. 519
Shoemaker, Robert W. 528, 528
Simons, Gordon 242
Strahan, Robert F. 251
Switzer, Paul 777
Taeuber, Richard C. 524, 524
Vinod, H.D. 244
Weber, Warren 1003
Weisberg, Herbert I. 522, 1006
Weisberg, Sanford 768
White, Colin 776
Williams, O. Dale 251
Winkler, Robert L. 527
Winter, Sidney G. 770
Yesilcay, Yasar 528
Yorgiadis, A.J. 774
Zabell, Sandy 996